



Lasers and Electro-Optics Society

invites you to join them at the
LEOS '88 Annual Meeting

November 2-4, 1988

**Santa Clara Convention Center, Santa Clara, California
in conjunction with OPTCON**

This is the first annual meeting of the IEEE Lasers and Electro-Optics Society (LEOS '88). This meeting will provide a unique opportunity for engineers and scientists working in systems, devices, and applications, to communicate across the full spectrum of disciplines represented by LEOS. LEOS '88 will feature these four exciting technologies:

- ☐ Optoelectronics
- ☐ Optical Sensors and Measurements
- ☐ UV and Short Wavelength Lasers
- ☐ Emerging Laser Technologies

If you are working in Lasers and Electro-Optics technologies, join your colleagues at LEOS '88 and enhance your professional growth!

CONFERENCE COMMITTEE

Conference Chair

Concetto R. Giuliano
Hughes Research Laboratories

Technical Program Chair

Michael Ettenberg
David Sarnoff Research Center

Publicity Chair

Ronald W. Waynant
FDA

Treasurer

Gary C. Bjorklund
IBM

PLENARY SESSION

- Solid State Lasers, Robert Byer, Stanford University
- Free Electron Lasers, Luis Elias, UC - Santa Barbara
- Integrated Optoelectronics, Osamu Wada, Fujitsu
- Semiconductor Lasers, Amnon Yariv, Cal Tech

SPECIAL INVITED SESSIONS

Coherent Laser Diode Arrays

Michael Lurie, David Sarnoff Research Center
Dave Begley, Ball Aerospace
Richard Lind, Hughes Research Laboratories
James Leger, M.I.T.
William Streifer, Spectra Diode Laboratories
Dan Botez, TRW
John Andrews, Xerox Corporation
Jens Buus, Plessey Research
Ian McMichael, Rockwell International
Chandra Roychoudhuri, Perkin & Elmer

Visible Lasers

Dick Shealy, Cornell
Tohru Suzuki, NEC Corporation
Kosei Takahashi, Sharp Corporation
Tetsuo Taniuchi, Matsushita Electric
Yutaka Uematsu, Toshiba Corporation

NSF University Engineering Centers

David Auston, Columbia University
Gregory Stillman, University of Illinois
Edward Wolf, Cornell
W.T. Cathey, University of Colorado

Unmet Needs and Visions for the Future, A Funding Perspective

Rudy Buser, U.S. Army Center for Night Vision & Electro-Optics
Lawrence Goldberg, NSF
B. D. Guenther, Army Research Office
Lanny Larson, SDIO
Hershel Pilloff, ONR
Howard Schlossberg, AFOSR
Matt White, ONR
Andrew Yang, RADC/ESO

INVITED PAPERS

Integrated Optoelectronics

Robert Leheny, Bellcore
T. L. Koch, AT&T Bell Labs
William Burns, NRL
David Dolfi, Hewlett-Packard

Quantum Well Devices

Thomas Wood, AT&T Bell Labs
Joseph Abeles, Bellcore
Jane Zucker, AT&T Bell Labs
Alan Kost, USC
Eli Kapon, Bellcore

Electro-Optic Effects and Devices

Hermann Haus, M.I.T.
Marvin Klein, Hughes Research Laboratory

Carlton Caves, USC

N. Anders Olsson, AT&T Bell Labs
Larry Coldren, UCSB
Fritz Luty, University of Utah
J. T. Lin, CREOL, University of Central Florida

Semiconductor Lasers

Chuck Henry, AT&T Bell Labs
John Bowers, UCSB
Ramon Martinelli, David Sarnoff Research Center

UV AND SHORT WAVELENGTH TECHNOLOGY AND APPLICATIONS

J. Gary Eden, University of Illinois
J. H. Bruning, GCA Corporation
William Hinsberg, IBM Almaden Research Center

Mordechai Rothschild, M.I.T. Lincoln Laboratories

Vincent Donnelly, AT&T Bell Labs
C. Young, Argonne National Laboratory
Steve Trokel, Edward S. Harkness Eye
Institute and Columbia Presbyterian
Medical Center

Peter Wisoff, Rice University
Warren Grundfest, Cedar Sinai Medical Center
Rod Taylor, Canadian National Research
Council

W. Galb, Argonne National Laboratory
Dennis Lowenthal, Spectra Technology
Bernard Wexler, NRL
C. Paul Christensen, Potomac Photonics
Charles Hull, 3D Systems

For Further Information and an Advance Program

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